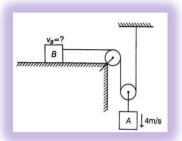
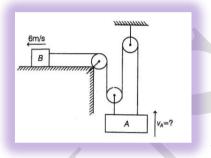
V PLUS U			usted Institute of in   Advance   NEET	DPP-2
SUBJECT : PHYSICS	TOPIC: NEWTON'S LAWS O	F MOTION	TIME:	DATE:

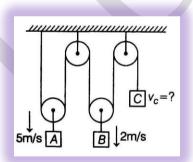
1. In the following questions, find unknown velocity and acceleration using string constraints. All strings are inextensible.



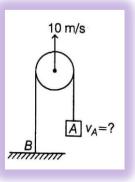
2. In the following questions, find unknown velocity and acceleration using string constraints. All strings are inextensible.



3. In the following questions, find unknown velocity and acceleration using string constraints. All strings are inextensible.



4. In the following questions, find unknown velocity and acceleration using string constraints. All strings are inextensible.



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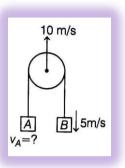
SUBJECT : PHYSICS

**TOPIC: NEWTON'S LAWS OF MOTION** 

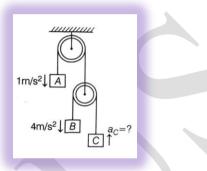
TIME:

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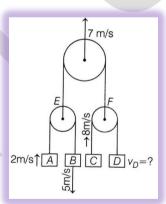
5. In the following questions, find unknown velocity and acceleration using string constraints. All strings are inextensible.



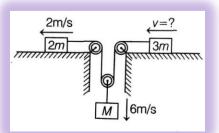
6. In the following questions, find unknown velocity and acceleration using string constraints. All strings are inextensible.



7. In the following questions, find unknown velocity and acceleration using string constraints. All strings are inextensible.



8. In the following questions, find unknown velocity and acceleration using string constraints. All strings are inextensible.



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	1. A A A A A A A A A A A A A A A A A A A



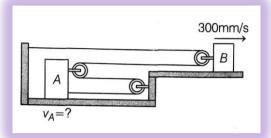
SUBJECT : PHYSICS

**TOPIC: NEWTON'S LAWS OF MOTION** 

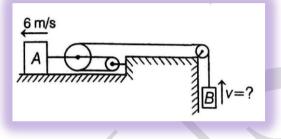
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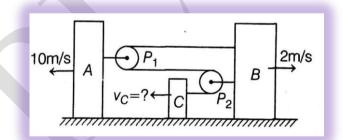
9. In the following questions, find unknown velocity and acceleration using string constraints. All strings are inextensible.



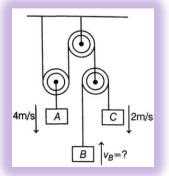
10. In the following questions, find unknown velocity and acceleration using string constraints. All strings are inextensible.



**11.** In the following questions, find unknown velocity and acceleration using string constraints. All strings are inextensible.



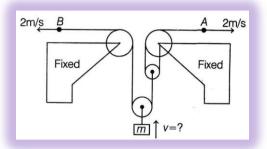
12. In the following questions, find unknown velocity and acceleration using string constraints. All strings are inextensible.



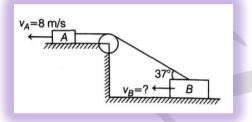
## SCO 16-17 HUDA MARKET URBAN ESTATE JIND HARYANA 9053013302

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SUBJECT : PHYSICS	TOPIC: NEWTON'S LAWS	OF MOTION	TIME:	DATE:

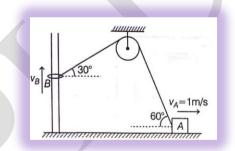
13. In the following questions, find unknown velocity and acceleration using string constraints. All strings are inextensible.



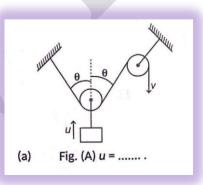
14. In the following questions, find unknown velocity and acceleration using string constraints. All strings are inextensible.

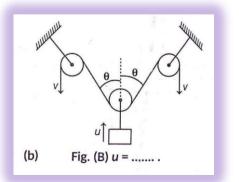


15. In the following questions, find unknown velocity and acceleration using string constraints. All strings are inextensible.



16. If the string is inextensible, determine the velocity u of each block in terms of v and  $\theta$ .





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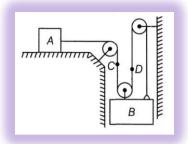
SUBJECT : PHYSICS

TOPIC: NEWTON'S LAWS OF MOTION

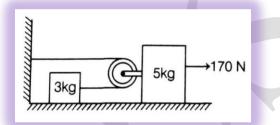
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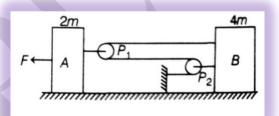
## 17. Slider block A moves to the left with a constant velocity of 6 m/s. Determine



- (a) the velocity of block B
- (b) the velocity of portion D of the cable
- (c) the relative velocity of portion C of the cable with respect to portion D
- 18. All strings are massless and inextensible. All Pulleys are smooth and moveable pulleys are massless. Find acceleration of all the blocks.



19. All strings are massless and inextensible. All Pulleys are smooth and moveable pulleys are massless. Find acceleration of all the blocks.



20. All strings are massless and inextensible. All Pulleys are smooth and moveable pulleys are massless. Find acceleration of all the blocks.

